Date Submitted: 04/19/21 1:37 pm

Viewing: **ENGR Acad Regs : ENGR College Academic Regulations**

Last approved: 05/27/20 4:46 pm

Last edit: 08/06/21 3:28 pm

Changes proposed by: kbullard

Catalog Pages Using
this Program
   [College of Engineering](College of Engineering)

Submitter:            User ID:     kbullard          Phone:
   53053

Program Status        Active

Academic Level        Undergraduate

Type of proposal      Policy

Select a reason for this modification
Making Minor Changes to an Existing Degree (e.g. changing 15 or fewer hours,
changing admission/graduation requirements, adding/changing Focused Study or
Track)

Effective Catalog Year     Fall 2022

College/School Code
   College of Engineering (ENGR)

Department Code
   Department of Engineering Dean (ENGD)

Program Code          ENGR Acad Regs

Program Title

## In Workflow

1. **ENGR Dean Initial**
2. **Director of Program Assessment and Review**
3. **Registrar Initial**
4. **Institutional Research**
5. **ENGD Chair**
6. **ENGR Curriculum Committee**
7. **ENGR Faculty**
8. **ARSC Dean**
9. **ENGR Dean**
10. **Global Campus**
11. **Provost Review**
12. **University Course and Program Committee**
13. **Faculty Senate**
14. Provost Final
15. Provost's Office-- Notification of Approval
16. Registrar Final
17. Catalog Editor Final

## Approval Path

1. 04/14/21 2:00 pm Norman Dennis (ndennis): Approved for ENGR Dean Initial
2. 04/16/21 3:23 pm Terry Martin (tmartin): Approved for Provost Initial

3. 04/19/21 10:28 am Alice Griffin (agriffin): Rollback to Initiator

4. 04/19/21 1:04 pm Norman Dennis (ndennis): Rollback to Initiator

5. 04/19/21 1:48 pm Norman Dennis (ndennis): Approved for ENGR Dean Initial

6. 04/19/21 2:45 pm Alice Griffin (agriffin): Approved for Director of Program Assessment and Review

7. 04/19/21 3:47 pm Lisa Kulczak (lkulcza): Approved for Registrar Initial

8. 04/19/21 4:33 pm Gary Gunderman (ggunderm): Approved for Institutional Research

9. 04/19/21 4:38 pm Norman Dennis (ndennis): Approved for ENGD Chair

10. 05/13/21 11:09 am Manuel Rossetti (rossetti): Approved for ENGR Curriculum Committee

11. 05/13/21 11:24 am Norman Dennis (ndennis): Approved for ENGR Faculty
12. 05/14/21 8:40 am Jeannie Hulen (jhulen): Approved for ARSC Dean
13. 06/14/21 3:24 pm Norman Dennis (ndennis): Approved for ENGR Dean
14. 06/14/21 3:58 pm Suzanne Kenner (skenner): Approved for Global Campus
15. 06/17/21 4:51 pm Terry Martin (tmartin): Approved for Provost Review
16. 08/09/21 8:56 am Alice Griffin (agriffin): Approved for University Course and Program Committee

## History

1. Apr 21, 2015 by Kim Bullard (kbullard)
2. May 11, 2018 by Norman Dennis (ndennis)
3. May 27, 2020 by Lisa Kulczak (lkulcza)

ENGR College Academic Regulations

Program Delivery
Method

On Campus

Is this program interdisciplinary?

No

Does this proposal impact any courses from another College/School?

Yes

College(s)/School(s)

| College/School Name |
| --- |
| Fulbright College of Arts and Sciences (ARSC) |

## Program Requirements and Description

Requirements

# College Academic Regulations

Students are expected to keep themselves informed concerning current regulations, policies, and program requirements in their fields of study and must meet all requirements of the degree programs in which they are enrolled. Courses that are modified or added to a curriculum and that are incorporated into the curriculum at a level beyond that at which a student is enrolled may become graduation requirements for that student. Courses that are incorporated into the curriculum at a level lower than the one at which the student is enrolled are not required for that student.

## Eligibility

Only students enrolled in the College of Engineering or enrolled in programs in which curricula require engineering courses will be allowed to take engineering courses. Exceptions to this requirement must be approved by the dean of engineering. This does not apply to graduate students.

## Code of Ethics

Students in the College of Engineering are obligated to comply with pertinent provisions of the Code of Ethics applicable to professional practice following graduation. The Code requires "honesty, impartiality, fairness, and equity,'' and "adherence to the highest principles of ethical conduct." Most particularly, it states that engineers shall:

Be objective and truthful in professional reports, statements, or testimony;

Not falsify or permit misrepresentation of their academic or professional qualifications;

Give credit for engineering work to those whom credit is due;

Not compete unfairly with other engineers by attempting to obtain employment or advancement by improper or questionable methods;

Avoid any act tending to promote their own interest at the expense of the dignity and integrity of the profession.

# Degree Requirements

The basic requirement for a Bachelor of Science degree in engineering is 124-128 semester hours of academic work, depending on the career field chosen. Students coming from high school with adequate preparation will be able to satisfy this requirement in eight semesters; however, some students require preparatory courses, and others choose to enroll in slightly lighter loads and graduate in nine or ten semesters. Students enrolled in ROTC require an additional 19 semester hours to meet all graduation requirements and graduate in ten semesters (five years).

Engineering is a rapidly changing profession, and the departmental curricula are updated continuously to keep pace with these changes. Students entering under this catalog will be required to comply with such curriculum changes to earn their degree. However, the total number of semester hours required for the degree may not be increased, and all work completed in accordance with this catalog prior to the curriculum change will be applied toward the student's degree requirements. Former students of the college must meet the curriculum requirements in effect at the time of their readmission.

## Graduation Requirements

In addition to university requirements for enrollment and graduation, the College of Engineering has these additional requirements. Individual departments may have additional requirements.

**Grade-Point Average** – A candidate for a degree from the College of Engineering must have earned a grade-point average of no less than 2.00 on all courses in the student's major area of study.

**Courses That Do Not Count Toward a Degree** – The following courses, which may be required, do not count toward degree credit for bachelor degrees in the College of Engineering: MATH 1203, ~~MATH 1203C~~, ~~MATH 1204~~, MATH 1213, GNEG 1514, GNEG 1514 and MATH 1284C or their equivalents.

**"D" Rule** – No student will be allowed to graduate if the student has "D" grades in more than 8 hours presented to meet the requirements for a degree.

**Transfer of Courses** – Advanced (3000- and 4000-level at the University of Arkansas) engineering courses may not normally be transferred from institutions that do not have programs accredited by the Engineering Accreditation Commission.

**Resident Requirements** – A candidate must earn a minimum of 20 credit hours at the 3000 level and above in the College of Engineering from the University of Arkansas.

**State ~~University Core (State~~ Minimum Core – ~~Core)~~** – The University of Arkansas has adopted **the "state minimum requirements"** ~~a University Core~~ of 35 semester-credit-hours of general education courses that are required of all baccalaureate degree candidates. This is in compliance with Arkansas Act 98 of 1989 and the

subsequent action of the Arkansas State Board of Higher Education. Beginning in the fall semester of 1991, all state institutions of higher education in Arkansas have a 35-hour minimum core requirement with specified hours in each of six academic areas. The university and the College of Engineering have identified those courses that meet the minimum requirement, and they are listed in the chart below.

Specific **State Minimum** ~~University~~ Core Requirements for Engineering Students

English

| ENGL 1013 | Composition I (ACTS Equivalency = ENGL 1013) | 3 |
| ~~ENGL 1023~~ | ~~Composition II (ACTS Equivalency = ENGL 1023)~~ | ~~3~~ |
| **ENGL 1033** | **Technical Composition II (ACTS Equivalency = ENGL 1023)** | **3** |

Mathematics

| MATH 2554 | Calculus I (ACTS Equivalency = MATH 2405) | 4 |

Science

| PHYS 2054 | University Physics I (ACTS Equivalency = PHYS 2034) | 4 |

Select one of the following:                                                                                                                    4

| PHYS 2074 | University Physics II (ACTS Equivalency = PHYS 2044 Lecture) | |
| CHEM 1123 | University Chemistry II (ACTS Equivalency = CHEM 1424 Lecture) | |
| & CHEM 1121L | and University Chemistry II Laboratory (ACTS Equivalency = CHEM 1424 Lab) | |
| BIOL 1543 | Principles of Biology (ACTS Equivalency = BIOL 1014 Lecture) | |
| & BIOL 1541L | and Principles of Biology Laboratory (ACTS Equivalency = BIOL 1014 Lab) | |

U.S. History or Government

Select one of the following:                                                                                                                    3

| HIST 2003 | History of the American People to 1877 (ACTS Equivalency = HIST 2113) | |
| HIST 2013 | History of the American People, 1877 to Present (ACTS Equivalency = HIST 2123) | |
| PLSC 2003 | American National Government (ACTS Equivalency = PLSC 2003) | |

Fine Arts, Humanities and Social Sciences

| Fine Arts * | | 3 |
| Humanities * | | 3 |
| Social Sciences * | | 9 |
| Total Hours | | 36 |

*Must be selected from the university-approved list of lower level Humanities, Fine Arts and Social Science courses found in the main State Minimum Core list.

# Minors in Other Colleges and Schools

Students in the College of Engineering may pursue an academic minor in other colleges. For example, a minor in business is popular among engineering students. For requirements regarding minors, check the catalog listing for the department offering the minor. Students must notify the College of Engineering dean's office of their intent to pursue a minor.

# Requirements to Graduate with Honors

Students who have demonstrated exceptional academic performance in baccalaureate degree programs will be recognized at graduation by the honors designation of *cum laude*, *magna cum laude*, or *summa cum laude*. To earn this designation, the student must meet the following criteria:

Must have completed at least one-half of his or her degree work at the University of Arkansas;

Must have at least a 3.50 GPA on University of Arkansas course work, computed at graduation (students with grade-point averages lower than 3.50 do not receive honors designation at graduation);

Must successfully complete the Engineering Honors Program, which includes a minimum of 12 hours of honors courses (at least 6 of these hours in engineering), an undergraduate research experience and thesis, and any additional departmental requirements;

Research and thesis material shall be evaluated by each department;

For *cum laude*, the student must achieve a GPA of 3.50 or higher and have good or better performance on the undergraduate research and thesis;

For *magna cum laude*, the student must achieve a GPA of 3.75 or higher and have good or better performance on the undergraduate research and thesis;

For *summa cum laude*, the student must achieve a GPA of 3.90 or higher and have outstanding performance on the undergraduate research and thesis.

The criteria may be evaluated and changed periodically by the College of Engineering.

Description and justification of the request

| Description of specific change | Justification for this change |
|---|---|
| Adding ENGL 1033 to core requirements. | To meet the Gen Ed Requirement 1.2. |
| Removed MATH 1203C and MATH 1204 from item #2 of the Graduate Requirements. AG | Both of these courses have been inactivated by the Mathematical Sciences Department. AG |
| Replaced "University Core" language with "State Minimum Core." AG | In response to the changes made related to the General Education curriculum. AG |

Upload attachments

Reviewer Comments

**Alice Griffin (agriffin) (04/19/21 10:28 am):** Rollback: Please change the reason for the modification to making minor changes. A curriculum revision requires BOT and ADHE approval with more than 15 hours of changes. Minor changes will only require campus approval levels to be included in the workflow and only submitters can influence the approval workflow. In addition, I recommend recommend removing ENGL 1023 from the program requirements. All UGRD ENGR programs now require ENGL 1033.

**Norman Dennis (ndennis) (04/19/21 1:04 pm):** Rollback: Make this a minor change and remove ENGL 1023 from the course list. So, we are replacing ENGL 1023 with ENGL 1033.

**Alice Griffin (agriffin) (04/19/21 2:32 pm):** Removed MATH 1203C and MATH 1204 from item #2 of the Graduate Requirements. As, both of these courses have been inactivated by the

Mathematical Sciences Department.

**Alice Griffin (agriffin) (04/19/21 2:43 pm):** Replaced University Core language with State Minimum Core in response to the changes made related to the General Education curriculum. College is encouraged to review for accuracy.

**Alice Griffin (agriffin) (04/19/21 2:44 pm):** ATTENTION: Due to the changes made to the English requirement, this minor program change will require campus approval.

**Alice Griffin (agriffin) (04/19/21 2:45 pm):** It is too late to complete the approval process in time for the fall 2021 catalog. Therefore, the effective date was changed to fall 2022.

**Alice Griffin (agriffin) (08/06/21 3:28 pm):** This proposal was amended by UCPC to add the two additional descriptions and justifications rather than have them noted in reviewer comments.

Key: 491